

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052421\
 Data File : BF124036.D
 Acq On : 24 May 2021 14:24
 Operator : JU/CG
 Sample : PB136602BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136602BL

Quant Time: May 24 14:49:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

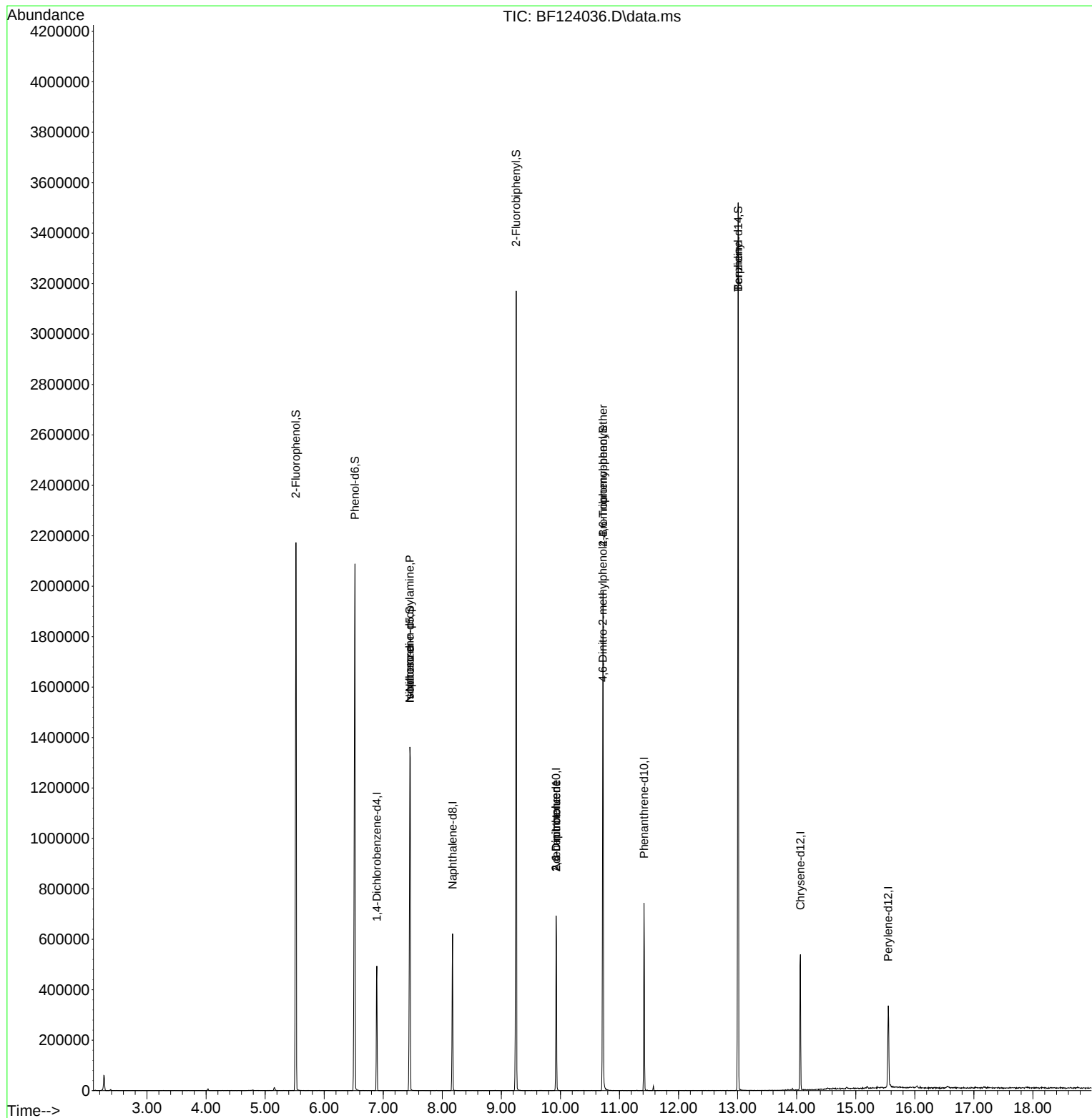
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	63808	20.00	ng	-0.01
21) Naphthalene-d8	8.175	136	238818	20.00	ng	#-0.01
39) Acenaphthene-d10	9.927	164	136872	20.00	ng	-0.02
64) Phenanthrene-d10	11.416	188	243893	20.00	ng	-0.01
76) Chrysene-d12	14.063	240	178770	20.00	ng	0.00
86) Perylene-d12	15.551	264	147865	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	544558	119.83	ng	0.01
7) Phenol-d6	6.522	99	661522	112.21	ng	0.00
23) Nitrobenzene-d5	7.451	82	504169	90.96	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	203788	123.96	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	885908	79.65	ng	-0.01
79) Terphenyl-d14	13.010	244	1017012	86.16	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	68777	17.26	ng	# 78
25) Isophorone	7.451	82	504004	47.27	ng	# 69
51) 2,6-Dinitrotoluene	9.927	165	17290	7.82	ng	# 11
57) 2,4-Dinitrotoluene	9.927	165	17290	6.38	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.716	198	572	5.76	ng	# 1
67) 4-Bromophenyl-phenylether	10.722	248	13900	4.34	ng	# 1
77) Benzidine	13.010	184	16377	3.80	ng	96

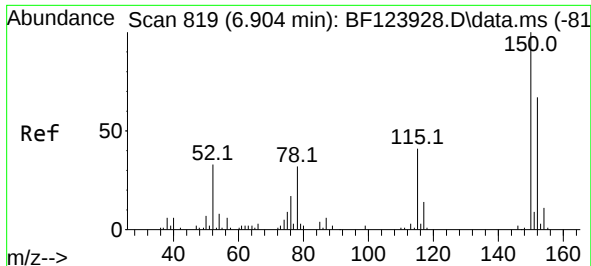
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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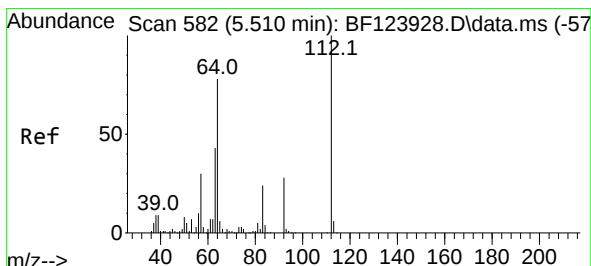
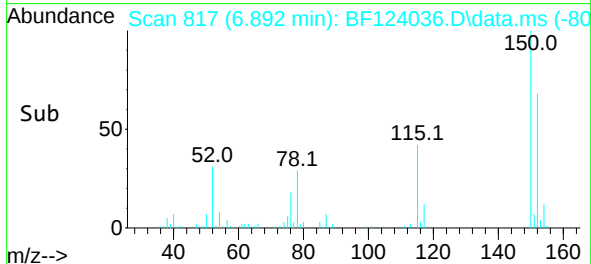
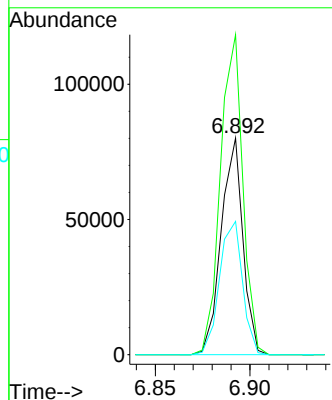
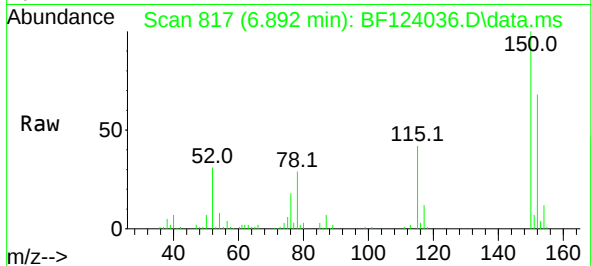




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF124036.D
Acq: 24 May 2021 14:24

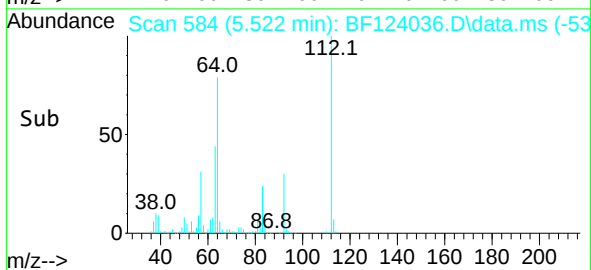
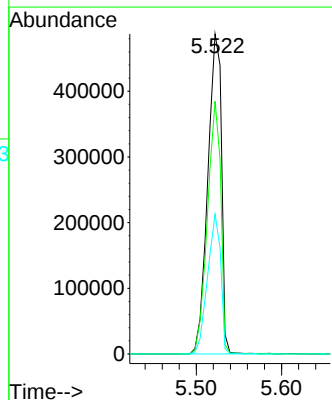
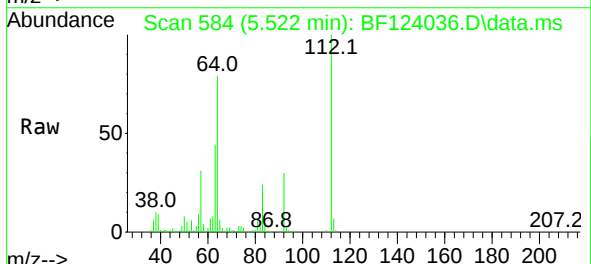
Instrument :
BNA_F
ClientSampled :
PB136602BL

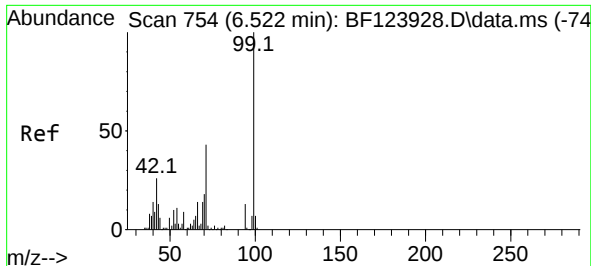
Tgt Ion:152 Resp: 63808
Ion Ratio Lower Upper
152 100
150 147.8 127.0 190.6
115 61.6 54.3 81.5



#5
2-Fluorophenol
Concen: 119.83 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF124036.D
Acq: 24 May 2021 14:24

Tgt Ion:112 Resp: 544558
Ion Ratio Lower Upper
112 100
64 78.9 61.4 92.0
63 43.6 33.0 49.4

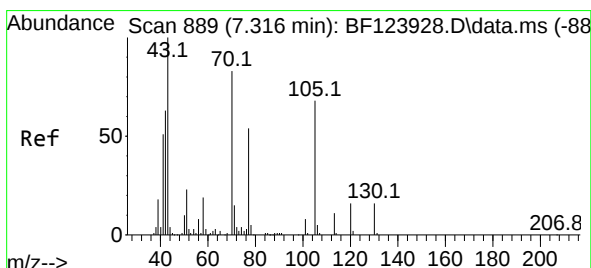
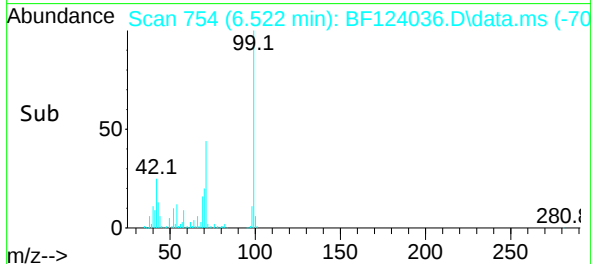
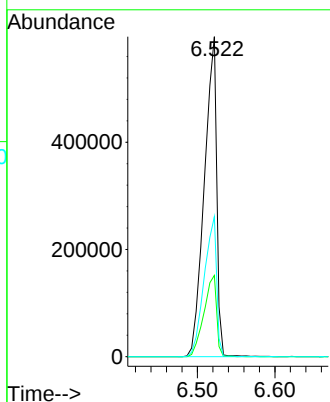
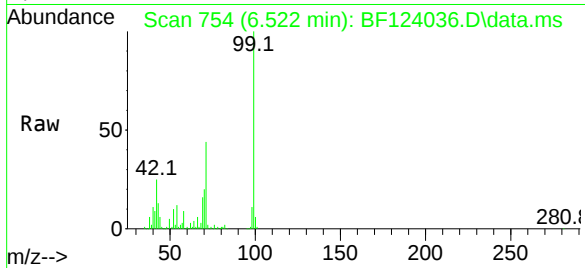




#7
Phenol-d6
Concen: 112.21 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF124036.D
Acq: 24 May 2021 14:24

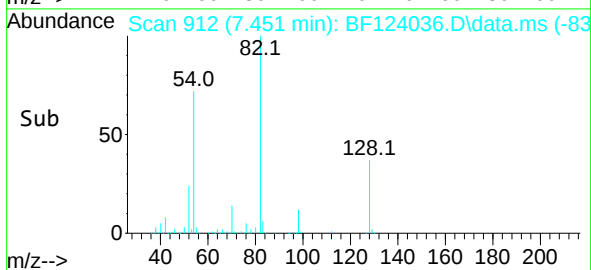
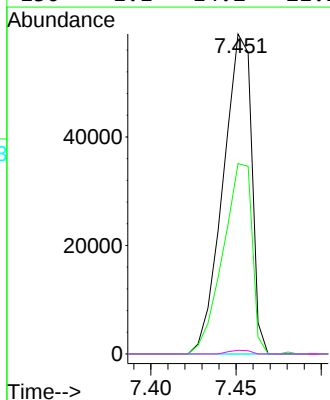
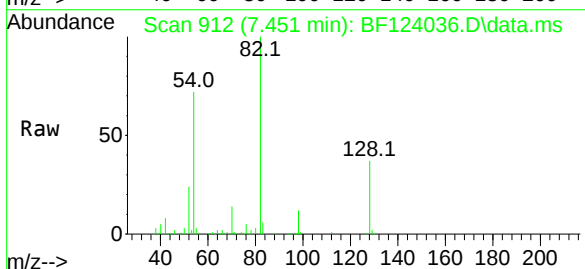
Instrument :
BNA_F
ClientSampleId :
PB136602BL

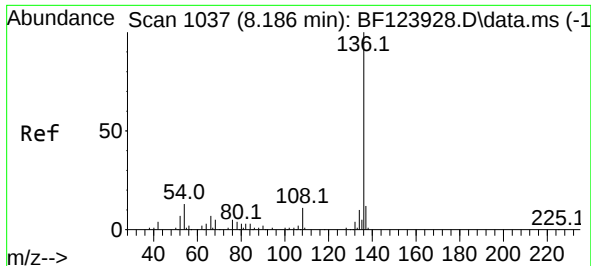
Tgt Ion: 99 Resp: 661522
Ion Ratio Lower Upper
99 100
42 25.4 19.8 29.8
71 43.8 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.26 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.135 min
Lab File: BF124036.D
Acq: 24 May 2021 14:24

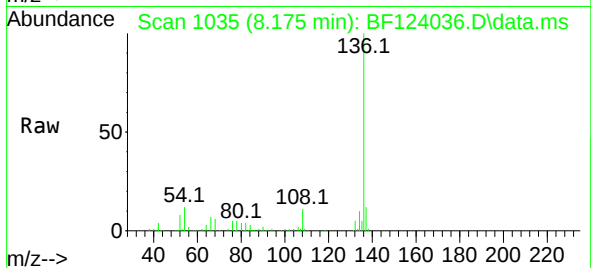
Tgt Ion: 70 Resp: 68777
Ion Ratio Lower Upper
70 100
42 59.5 60.1 90.1#
101 0.0 7.4 11.2#
130 1.1 14.2 21.2#



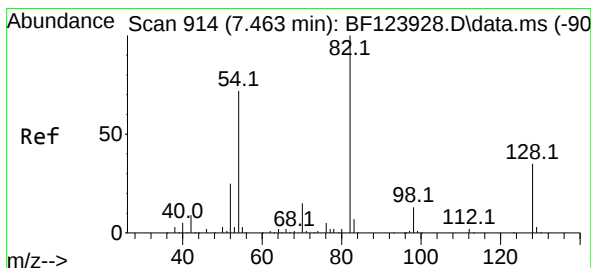
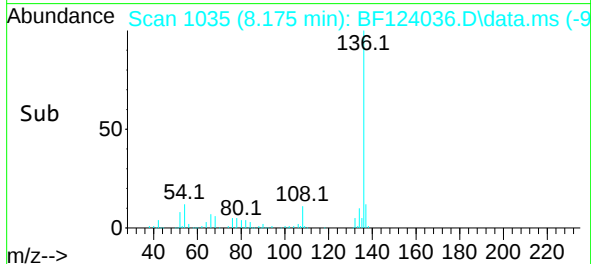
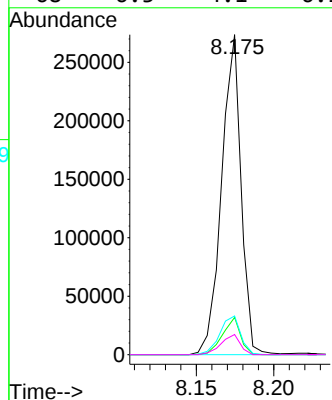


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.011 min
Lab File: BF124036.D
Acq: 24 May 2021 14:24

Instrument :
BNA_F
ClientSampleId :
PB136602BL

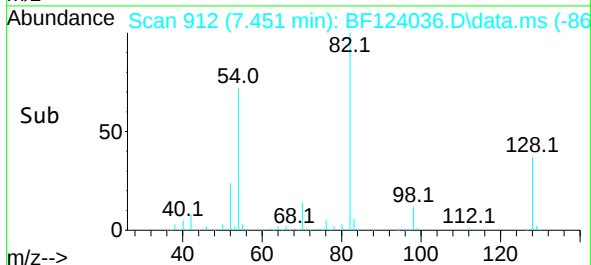
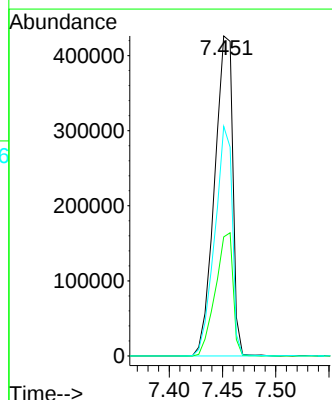
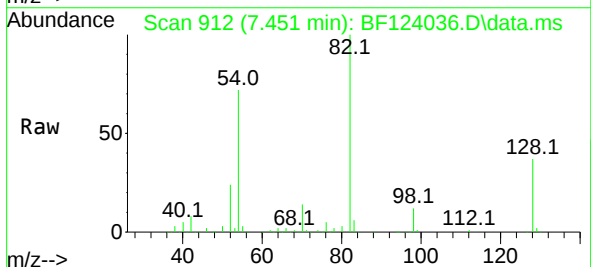


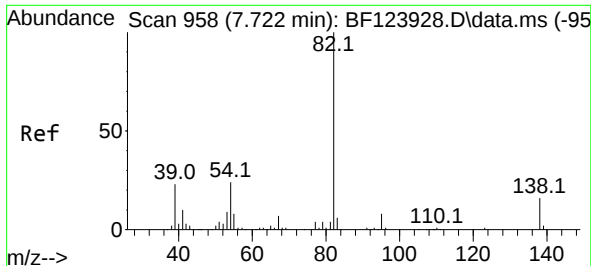
Tgt Ion:136 Resp: 238818
Ion Ratio Lower Upper
136 100
137 11.6 8.7 13.1
54 12.1 9.8 14.6
68 6.3 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 90.96 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF124036.D
Acq: 24 May 2021 14:24

Tgt Ion: 82 Resp: 504169
Ion Ratio Lower Upper
82 100
128 37.2 29.4 44.2
54 71.8 54.1 81.1

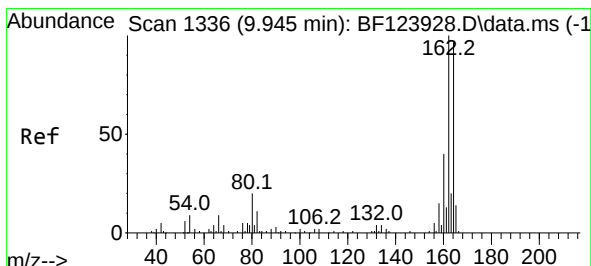
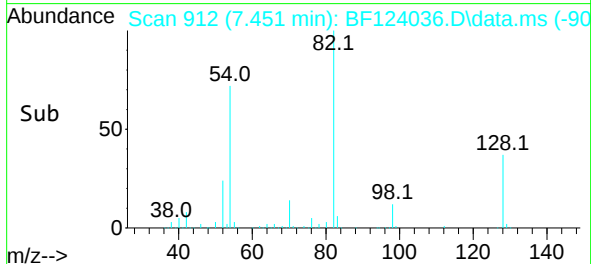
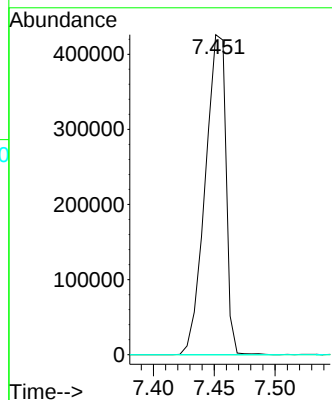
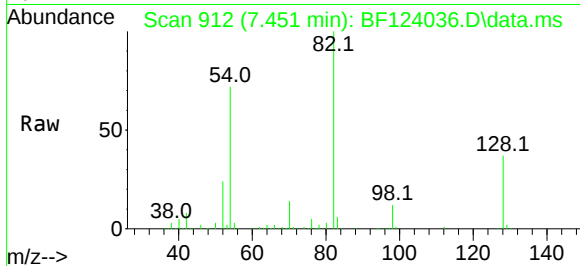




#25
Isophorone
Concen: 47.27 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.271 min
Lab File: BF124036.D
Acq: 24 May 2021 14:24

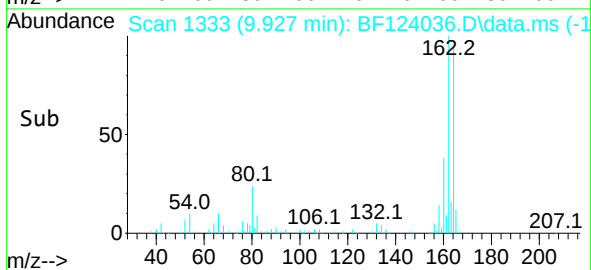
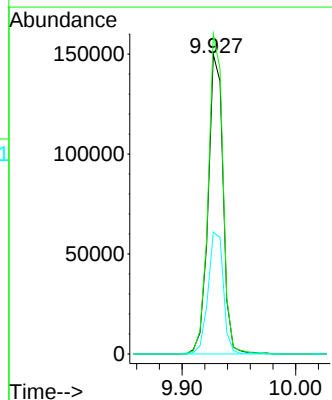
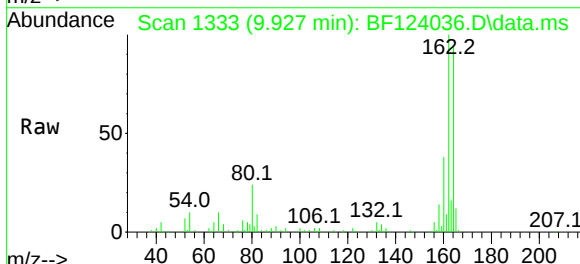
Instrument :
BNA_F
ClientSampleId :
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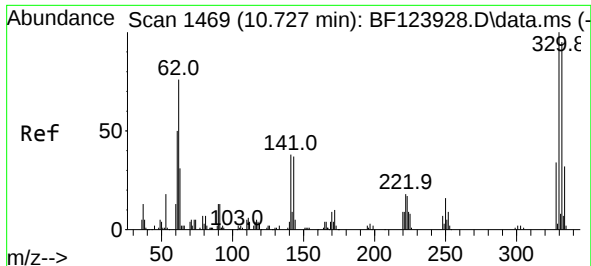
Tgt Ion: 82 Resp: 504004
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.018 min
Lab File: BF124036.D
Acq: 24 May 2021 14:24

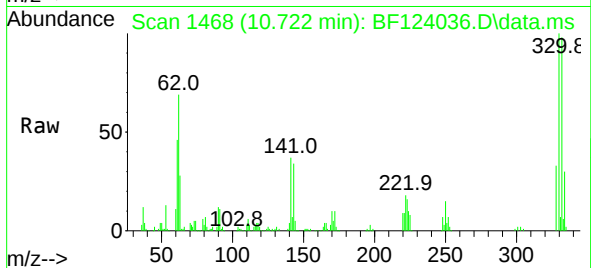
Tgt Ion:164 Resp: 136872
Ion Ratio Lower Upper
164 100
162 106.8 80.7 121.1
160 40.7 37.3 55.9



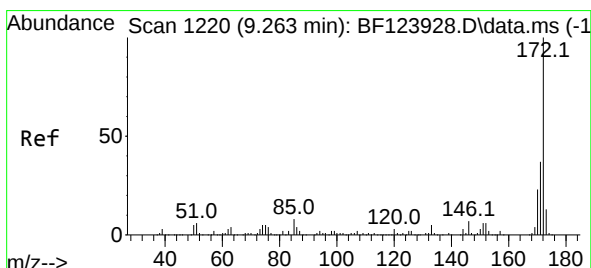
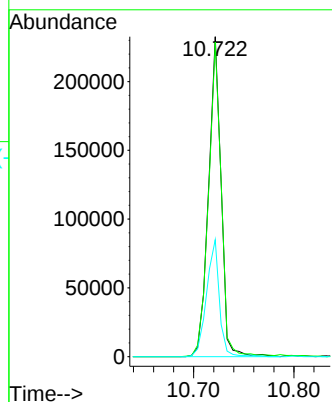
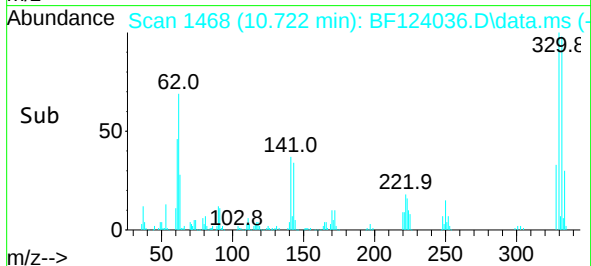


#42
2,4,6-Tribromophenol
Concen: 123.96 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF124036.D
Acq: 24 May 2021 14:24

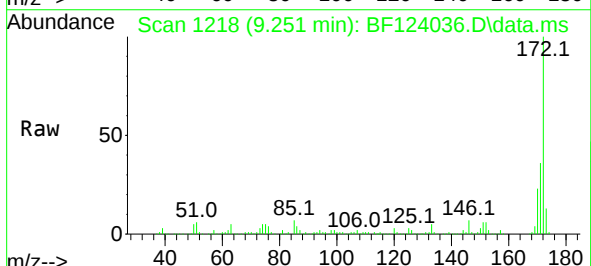
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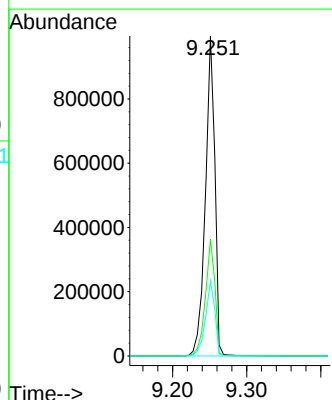
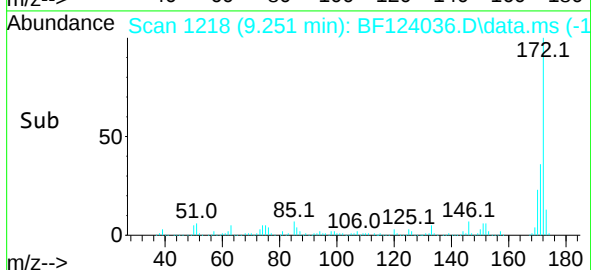
Tgt Ion: 330 Resp: 203788
Ion Ratio Lower Upper
330 100
332 99.5 77.1 115.7
141 37.4 27.9 41.9

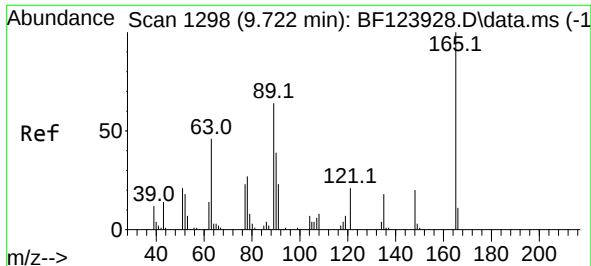


#45
2-Fluorobiphenyl
Concen: 79.65 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF124036.D
Acq: 24 May 2021 14:24



Tgt Ion: 172 Resp: 885908
Ion Ratio Lower Upper
172 100
171 36.4 28.1 42.1
170 23.5 19.2 28.8

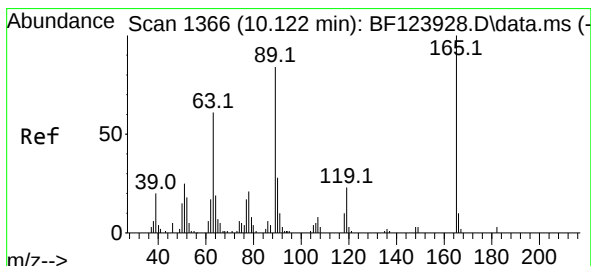
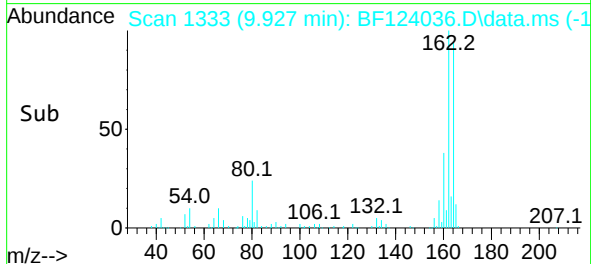
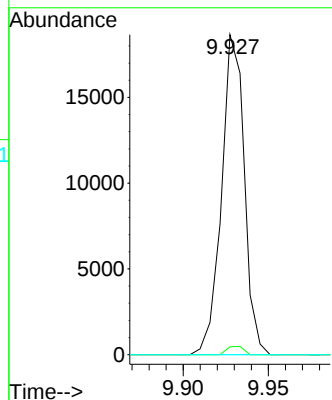
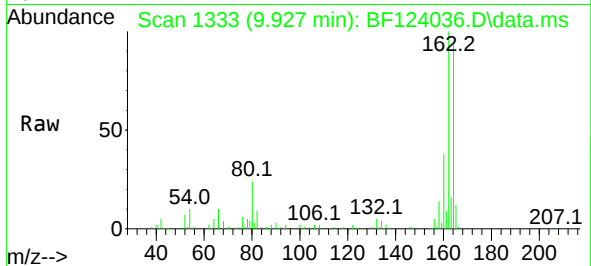




#51
2,6-Dinitrotoluene
Concen: 7.82 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.206 min
Lab File: BF124036.D
Acq: 24 May 2021 14:24

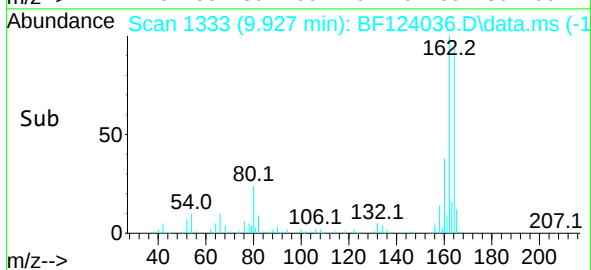
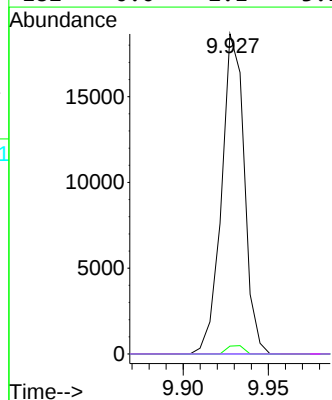
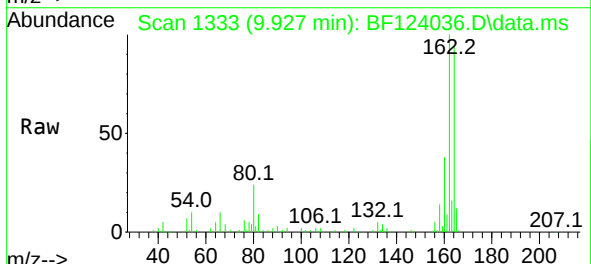
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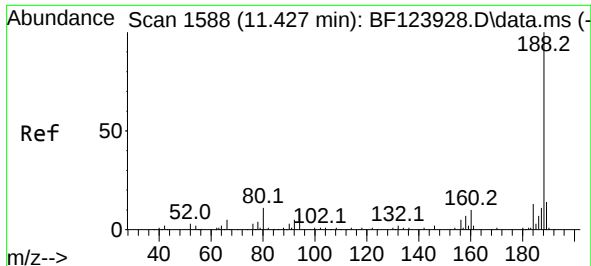
Tgt Ion:165 Resp: 17290
Ion Ratio Lower Upper
165 100
63 2.4 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.38 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF124036.D
Acq: 24 May 2021 14:24

Tgt Ion:165 Resp: 17290
Ion Ratio Lower Upper
165 100
63 2.4 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

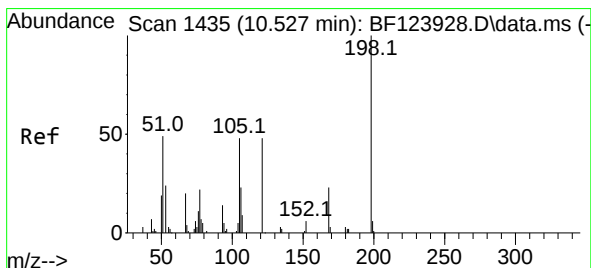
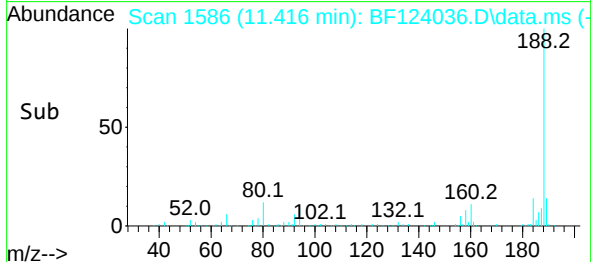
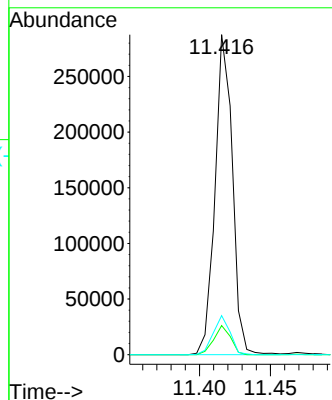
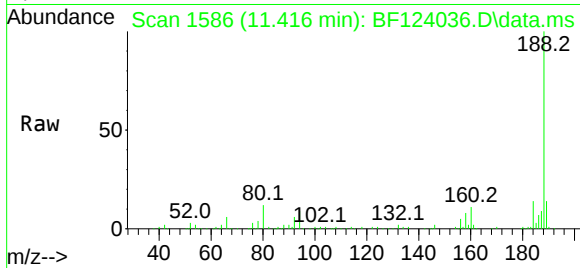




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.011 min
Lab File: BF124036.D
Acq: 24 May 2021 14:24

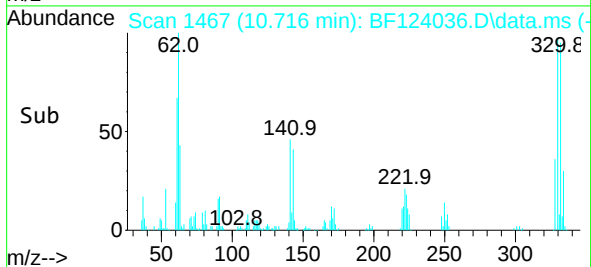
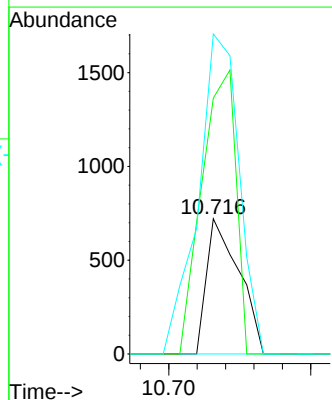
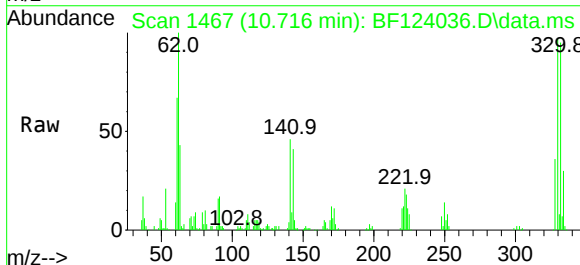
Instrument :
BNA_F
ClientSampleId :
PB136602BL

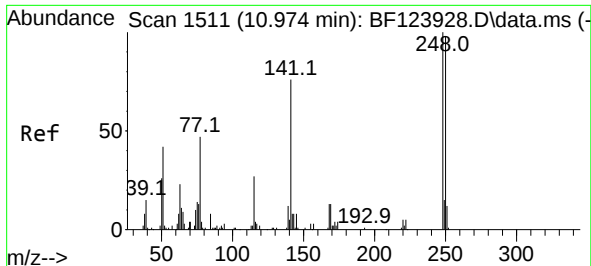
Tgt Ion:188 Resp: 243893
Ion Ratio Lower Upper
188 100
94 9.1 6.9 10.3
80 12.2 8.2 12.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.76 ng
RT: 10.716 min Scan# 1467
Delta R.T. 0.189 min
Lab File: BF124036.D
Acq: 24 May 2021 14:24

Tgt Ion:198 Resp: 572
Ion Ratio Lower Upper
198 100
51 189.2 64.8 104.8#
105 236.6 42.6 82.6#

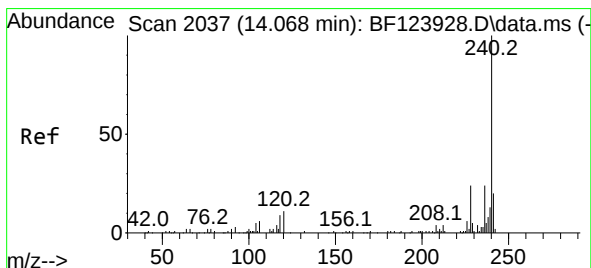
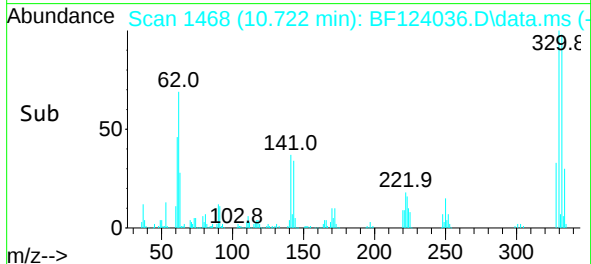
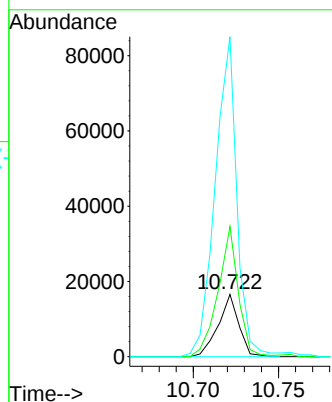
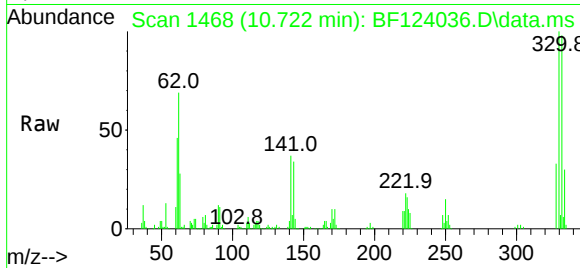




#67
4-Bromophenyl-phenylether
Concen: 4.34 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.253 min
Lab File: BF124036.D
Acq: 24 May 2021 14:24

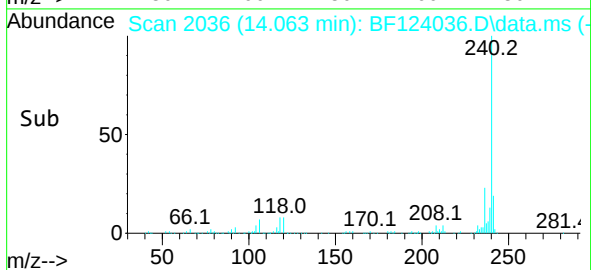
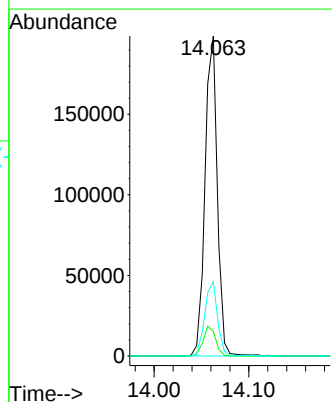
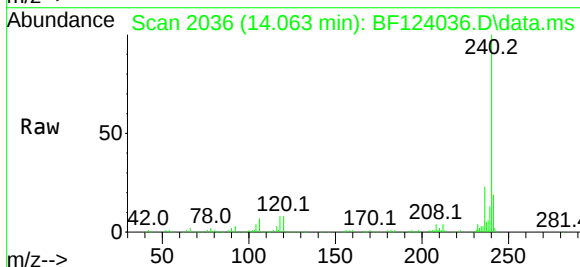
Instrument :
BNA_F
ClientSampleId :
PB136602BL

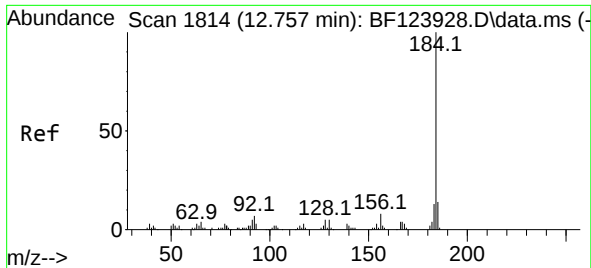
Tgt Ion:248 Resp: 13900
Ion Ratio Lower Upper
248 100
250 209.1 77.4 116.2#
141 513.9 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF124036.D
Acq: 24 May 2021 14:24

Tgt Ion:240 Resp: 178770
Ion Ratio Lower Upper
240 100
120 7.6 7.2 10.8
236 23.2 19.0 28.4

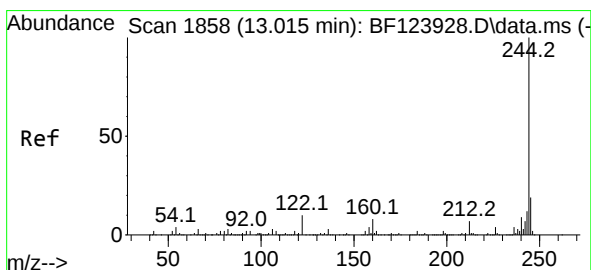
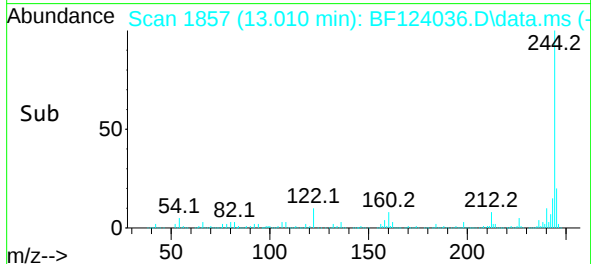
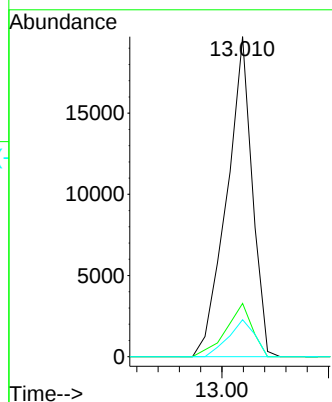
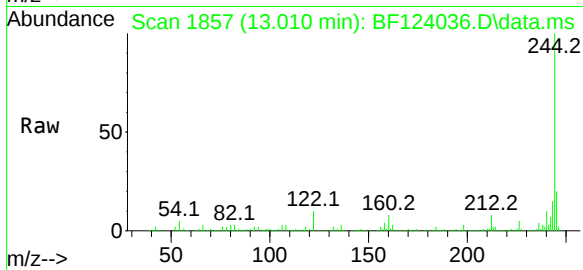




#77
Benzidine
Concen: 3.80 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.253 min
Lab File: BF124036.D
Acq: 24 May 2021 14:24

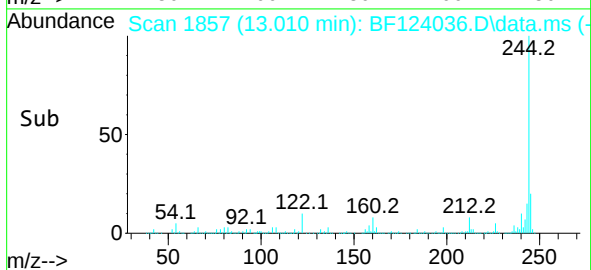
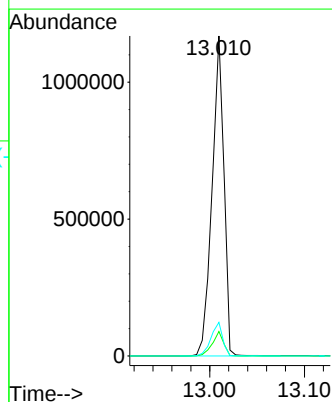
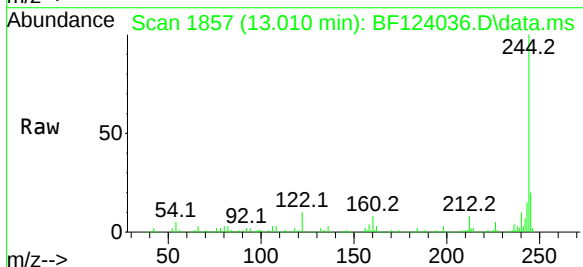
Instrument :
BNA_F
ClientSampleId :
PB136602BL

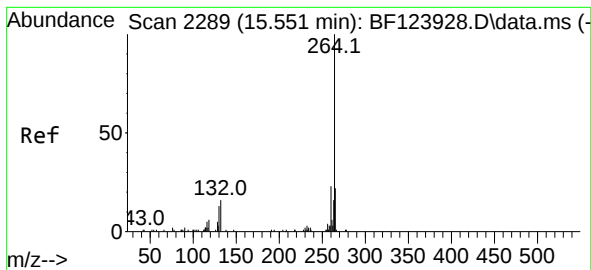
Tgt Ion:184 Resp: 16377
Ion Ratio Lower Upper
184 100
185 16.7 12.1 18.1
183 11.6 7.8 11.8



#79
Terphenyl-d14
Concen: 86.16 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BF124036.D
Acq: 24 May 2021 14:24

Tgt Ion:244 Resp: 1017012
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 10.5 9.7 14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. 0.000 min
 Lab File: BF124036.D
 Acq: 24 May 2021 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB136602BL

Tgt Ion:264 Resp: 147865
 Ion Ratio Lower Upper
 264 100
 260 21.7 18.7 28.1
 265 23.0 17.8 26.8

